

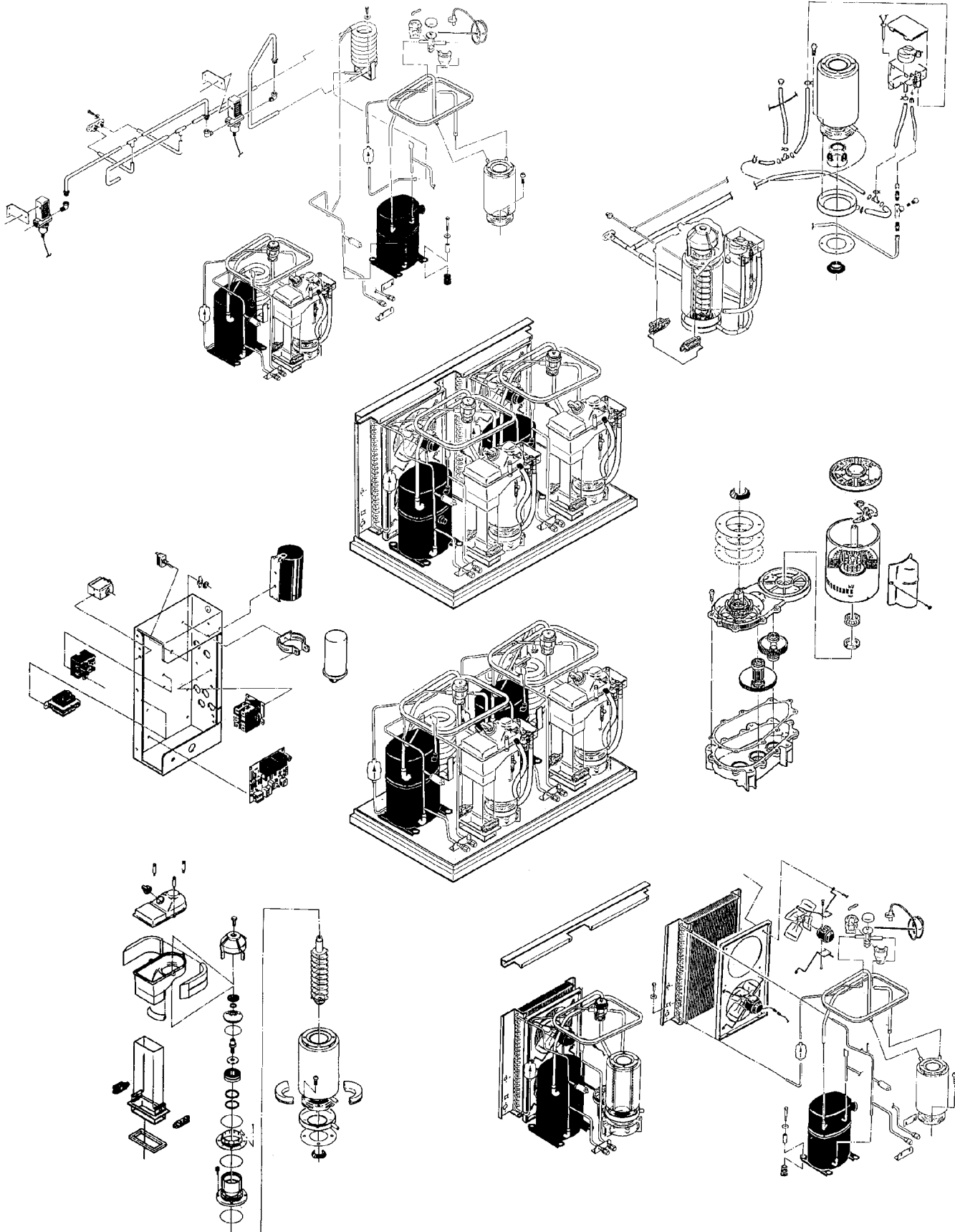
NM1852 SERVICE PARTS

This parts list contains the service parts and wiring diagrams for this model. Check the model number in question to be sure that it is applicable to this parts list.

TABLE OF CONTENTS

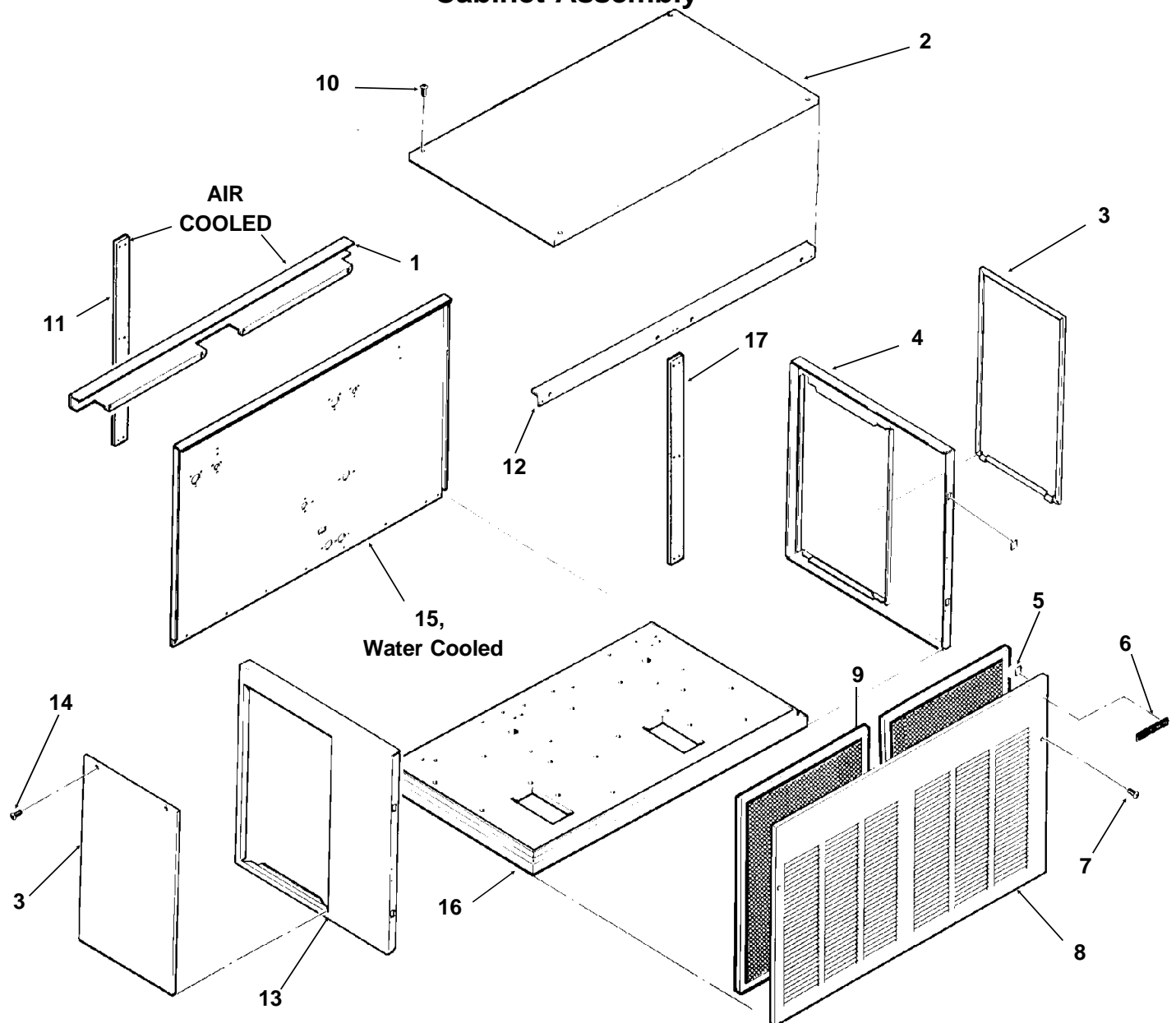
| | |
|---------------------------------|---|
| Cabinet | 2 |
| Air Cooled Refrigeration | 3 |
| Water Cooled Refrigeration..... | 4 |
| Water System | 5 |
| Gearmotor..... | 6 |
| Evaporator | 7 |
| Control Box..... | 8 |
| Wiring Diagrams | 9 |

NM1852 SERVICE PARTS



NM1852 SERVICE PARTS

Cabinet Assembly

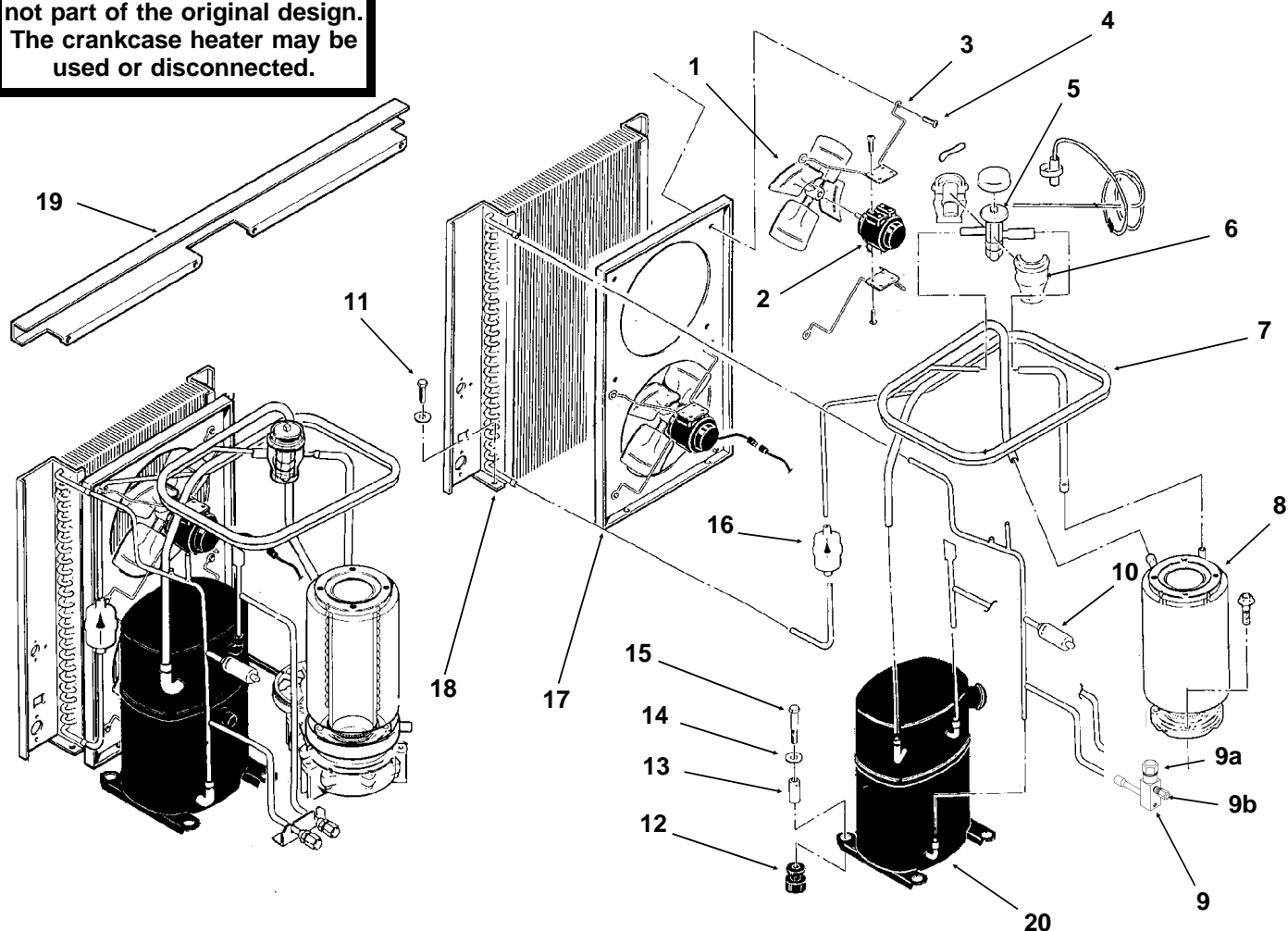


| ITEM NUMBER | PART NUMBER | DESCRIPTION | ITEM NUMBER | PART NUMBER | DESCRIPTION |
|----------------|----------------|---------------------------|----------------|----------------|---|
| 1 | A34284-001 | Condenser Support | 9 | 02-2976-01 | Filter Assembly (1) |
| 2 | A32461-001 | Top Panel, Painted | 10 | 03-1531-01 | Screw |
| | A32461-002 | Top Panel, S.S. | 11 | A34285-001 | Filler Plate, Air Cooled |
| 3 | A34038-001 | Service Panel, Painted | 12 | A34287-001 | Support |
| | A34038-002 | Service Panel, S.S. | 13 | A32435-001 | Left Side Panel, Painted |
| 4 | A33292-001 | Right Side Panel, Painted | | A32435-002 | Left Side Panel, S.S. |
| | A33292-002 | Right Side Panel, S.S. | 14 | 03-1404-12 | Screw |
| 5 | 03-0271-00 | Speed Clip | 15 | A34283-001 | Rear Panel, Water Cooled Painted Only |
| 6 | 15-0711-01 | Emblem | | | |
| 7 | 03-1419-08 | Screw | 16. | A34282-001 | Base |
| 8 | A34294-001 | Front Panel, Painted | 17. | A34286-001 | Center Support |
| | A34294-002 | Front Panel, S.S. | | | |

NM1852 SERVICE PARTS

Air Cooled Refrigeration

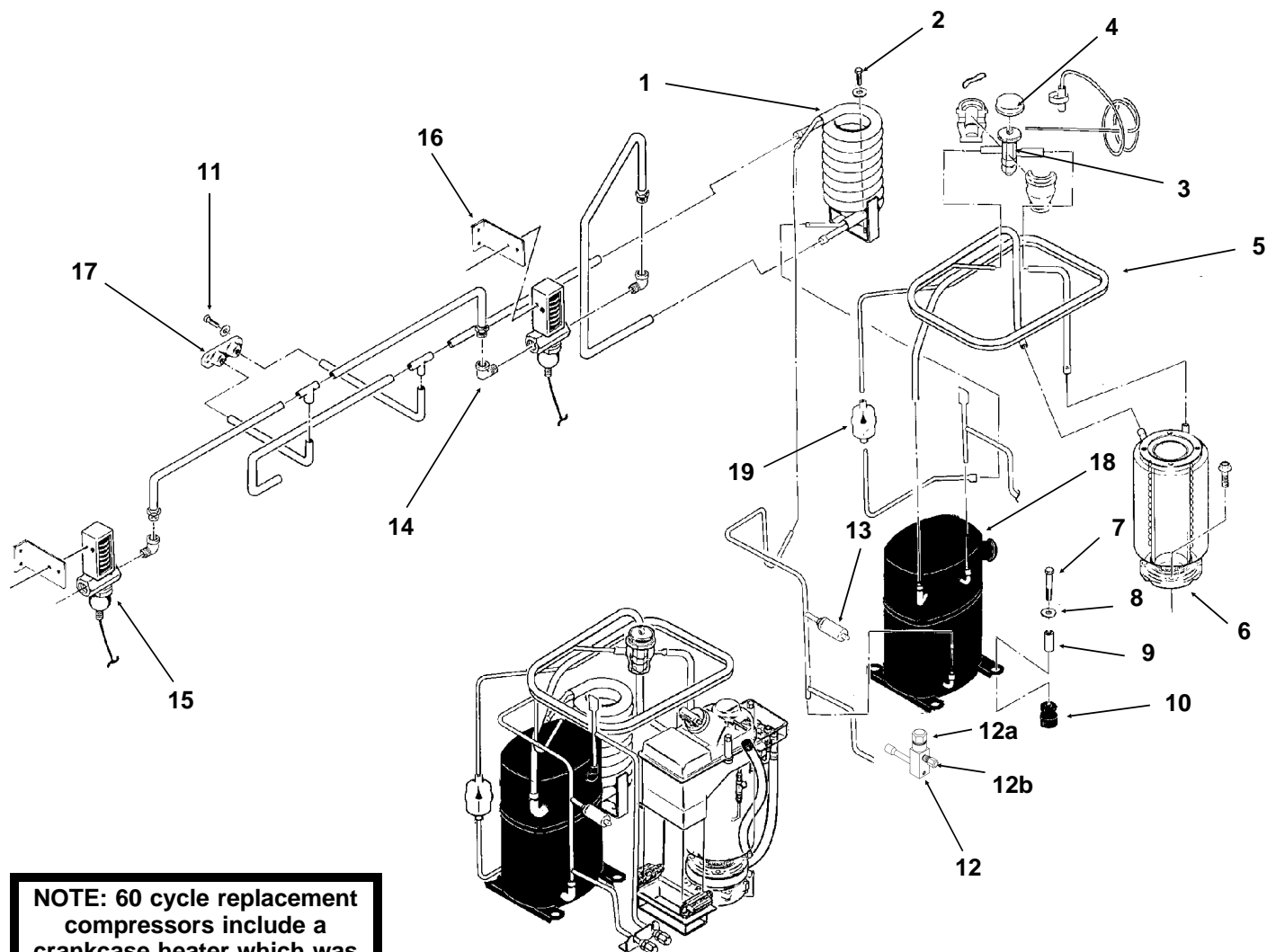
NOTE: 60 cycle replacement Compressors include a crankcase heater which was not part of the original design. The crankcase heater may be used or disconnected.



| ITEM NUMBER | PART NUMBER | DESCRIPTION | ITEM NUMBER | PART NUMBER | DESCRIPTION |
|----------------|----------------|--------------------------|---|----------------|-------------------------|
| 1 | 18-3815-01 | Fan Blade | 12 | 18-6800-01 | Grommet |
| 2 | 12-1576-02 | Fan Motor | 13 | 18-2300-27 | Sleeve |
| 3 | 02-2378-01 | Fan Bracket | 14 | 03-1407-07 | Washer |
| 4 | 03-1531-01 | Screw | 15 | 03-1405-20 | Cap Screw |
| 5 | A32961-020 | Insulation Kit (3 piece) | 16 | 02-3319-02 | Dryer |
| 6 | 11-0477-20 | Thermo Expansion Valve | 17 | A33231-001 | Fan Shroud |
| 7 | A35566-001 | Suction Line | 18 | 18-8717-01 | Condenser |
| 8 | A32890-020 | Evaporator | 19 | A34284-001 | Condenser Support |
| 9 | 16-0832-20 | Access valve | 20 | 18-8716-23 | Compressor 208-230/60/1 |
| 9a | 16-0832-02 | Stem cap | | 18-8716-25 | Compressor 208-230/60/3 |
| 9b | 16-0832-03 | Core cap | | 18-8716-26 | Compressor 220-240/50/1 |
| 10 | 11-0446-27 | Hi Pressure Cut Out | (all have internal overloads & 60 cycle have crankcase heaters) | | |
| 11 | 03-1645-01 | Screw | | | |

NM1852 SERVICE PARTS

Water Cooled Refrigeration

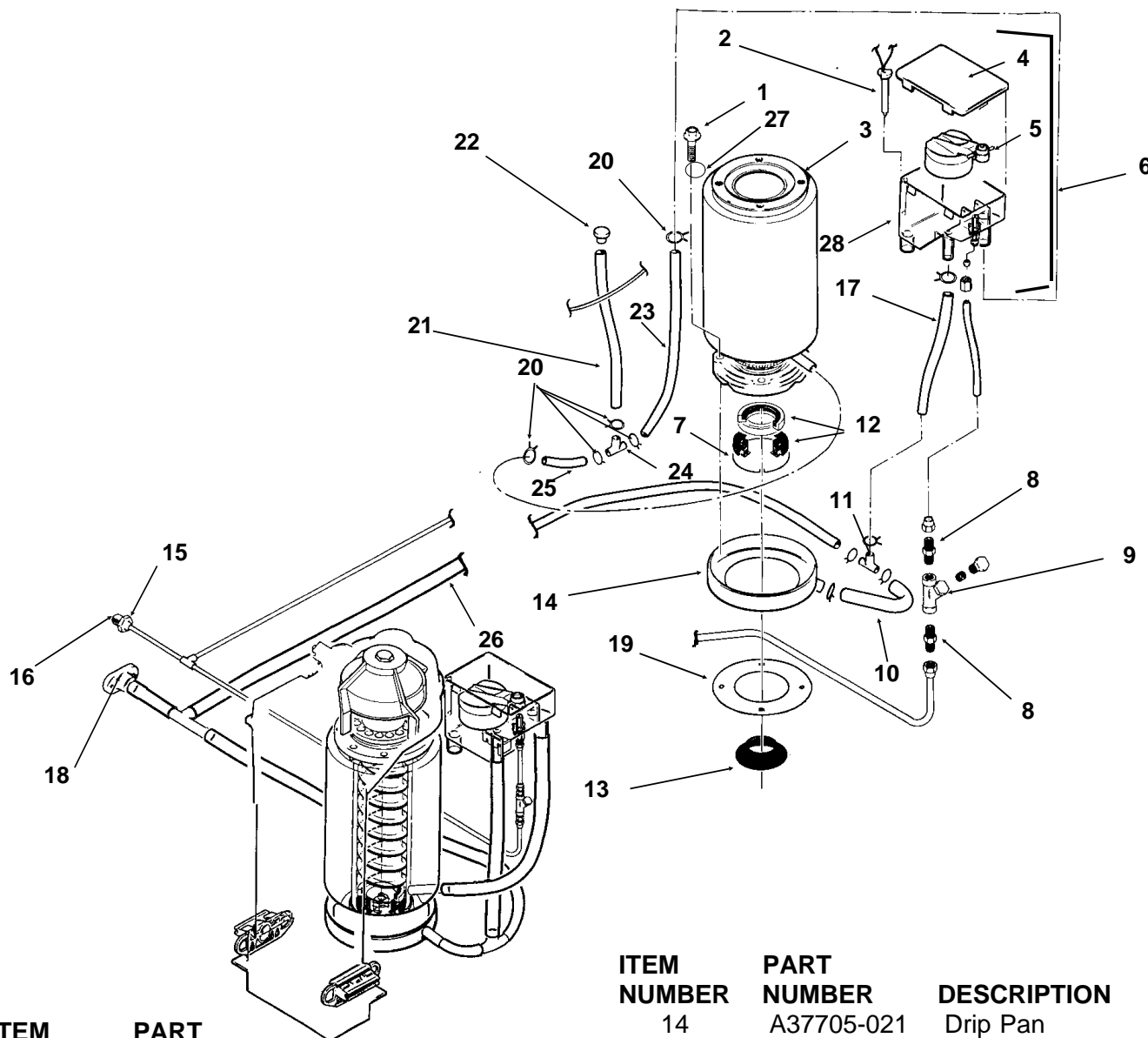


NOTE: 60 cycle replacement compressors include a crankcase heater which was not part of the original design. The crankcase heater may be used or disconnected.

| ITEM NUMBER | PART NUMBER | DESCRIPTION | | | |
|-------------|-------------|--------------------------|---|------------|-------------------------|
| 1 | 18-8718-25 | Condenser | 12 | 16-0832-20 | Access valve |
| 2 | 03-1645-01 | Screw | 12a | 16-0832-02 | Stem cap |
| 3 | 11-0477-20 | Thermo Expansion Valve | 12b | 16-0832-03 | Core cap |
| 4 | A32961-020 | Insulation Kit (3 piece) | 13 | 11-0446-27 | Hi Pressure Cut Out |
| 5 | A35566-001 | Suction Line | 14 | 16-0401-02 | Elbow |
| 6 | A32890-020 | Evaporator | 15 | 11-0424-01 | Water Reg. Valve |
| 7 | 03-1405-20 | Cap Screw | 16 | A34341-001 | Bracket |
| 8 | 03-1407-07 | Washer | 17 | A34291-001 | Drain Assembly |
| 9 | 18-2300-27 | Sleeve | 18 | 18-8716-23 | Compressor 208-230/60/1 |
| 10 | 18-6800-01 | Grommet | | 18-8716-25 | Compressor 200-230/60/3 |
| 11 | 03-1645-01 | Screw | | 18-8716-26 | Compressor 220-240/50/1 |
| | | | (all have internal overloads & 60 cycle have crankcase heaters) | | |
| | | | 19 | 02-3319-02 | Dryer |

NM1852 SERVICE PARTS

Water System

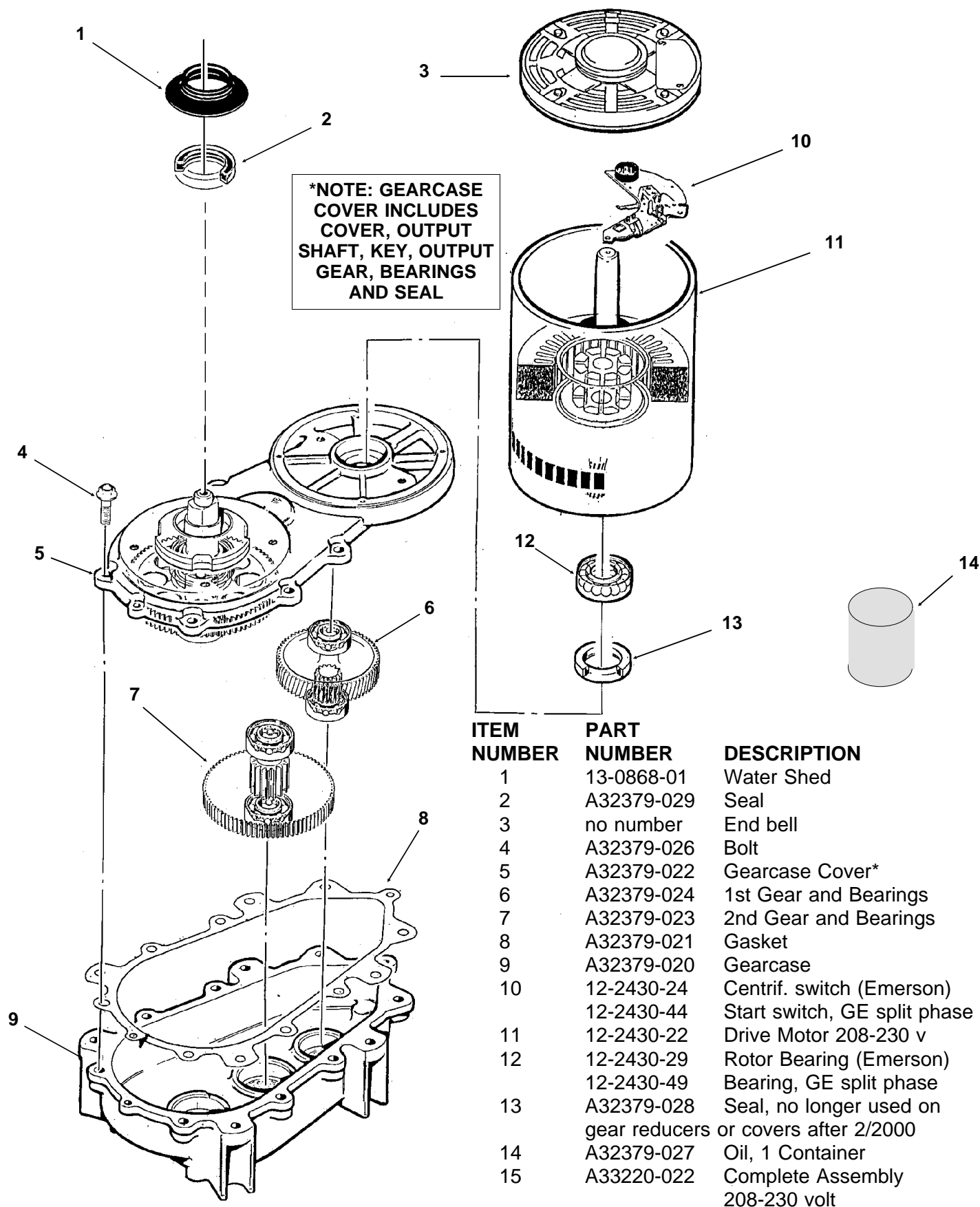


| ITEM NUMBER | PART NUMBER | DESCRIPTION |
|----------------|----------------|--|
| 1 | 03-1405-41 | Cap Screw |
| 2 | A33101-022 | Water Level Sensor |
| 3 | A32890-020 | Evaporator |
| 4 | 02-2936-01 | Res. Cover |
| 5 | A32922-020 | Float Assembly with pin housing seal, rubber seal, insert & float |
| | 02-3190-01 | Rubber seat |
| 6 | A32929-020 | Reservoir Assy Complete |
| 7 | A32777-001 | Retaining Ring for seal |
| 8 | 16-0791-01 | Half Union |
| 9 | 16-0162-00 | Strainer |
| 10 | 13-0079-03 | Tube, 6.5" req. |
| 11 | 16-0670-02 | Tee |
| 12 | 02-0929-23 | Water Seal |
| 13 | 13-0868-01 | Water Shed |

| ITEM NUMBER | PART NUMBER | DESCRIPTION |
|----------------|----------------|---------------------------|
| 14 | A37705-021 | Drip Pan |
| 15 | A27318-001 | Water Inlet Fitting |
| 16 | 03-1394-01 | Pal Nut |
| 17 | 13-0079-03 | Res. Overflow, 8" req. |
| 18 | A32282-001 | Drain Casting, air cooled |
| 19 | 13-0704-00 | Gasket |
| 20 | 02-2814-08 | Clamps |
| 21 | 13-0674-06 | Evap. Drain, 14" req. |
| 22 | 13-0840-01 | Plug |
| 23 | 13-0674-06 | Evap. Inlet Tube, 5" req. |
| 24 | 16-0670-01 | Tee |
| 25 | A33203-001 | Tube, Preformed |
| 26 | 13-0079-03 | Drain Tube, 24" req. |
| 27 | 03-1417-13 | Lockwasher |
| 28 | 13-0230-00 | Rubber cap |
| 29 | 02-2814-01 | Clamp |

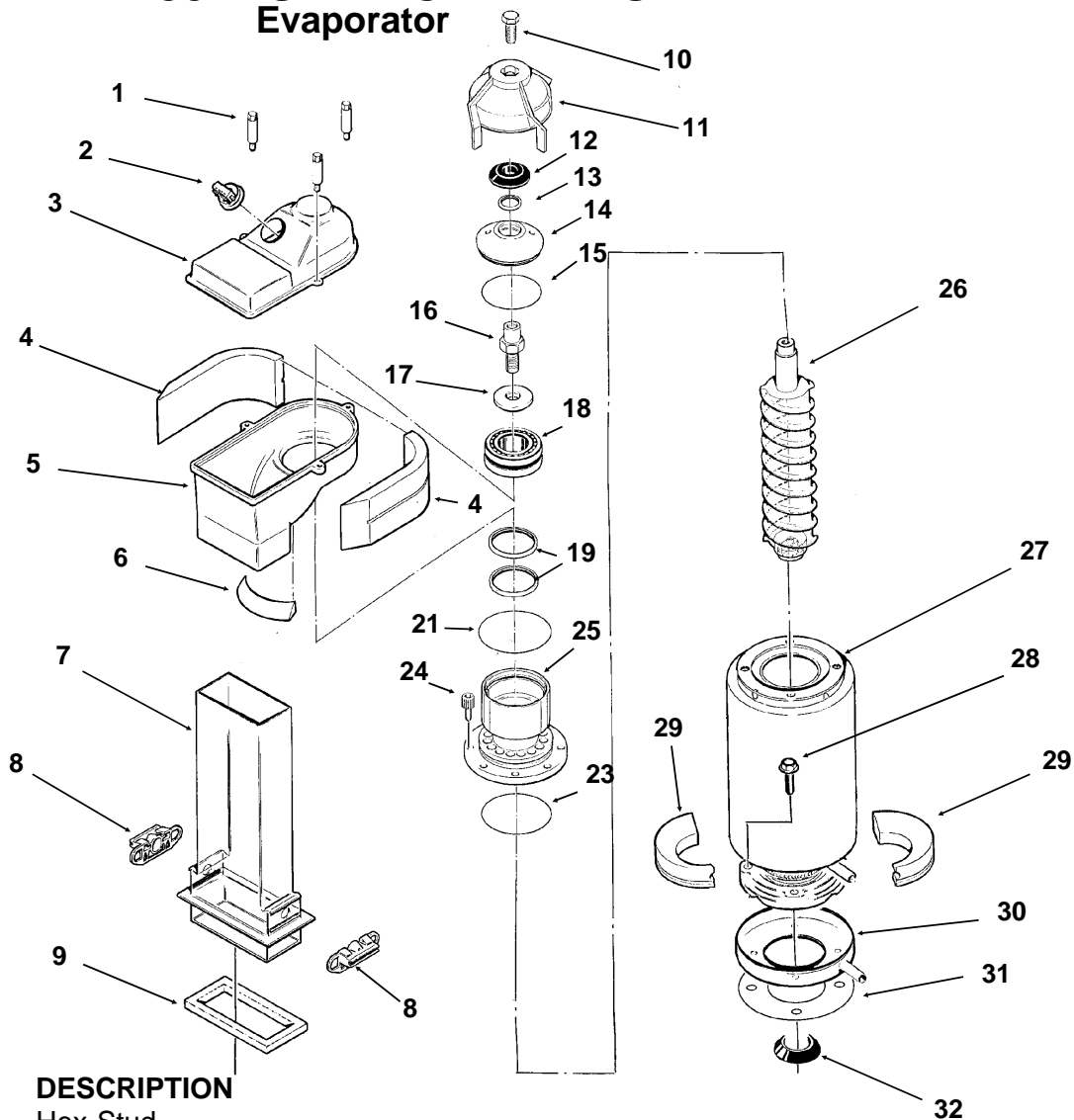
NM1852 SERVICE PARTS

Gearmotor



NM1852 SERVICE PARTS

Evaporator

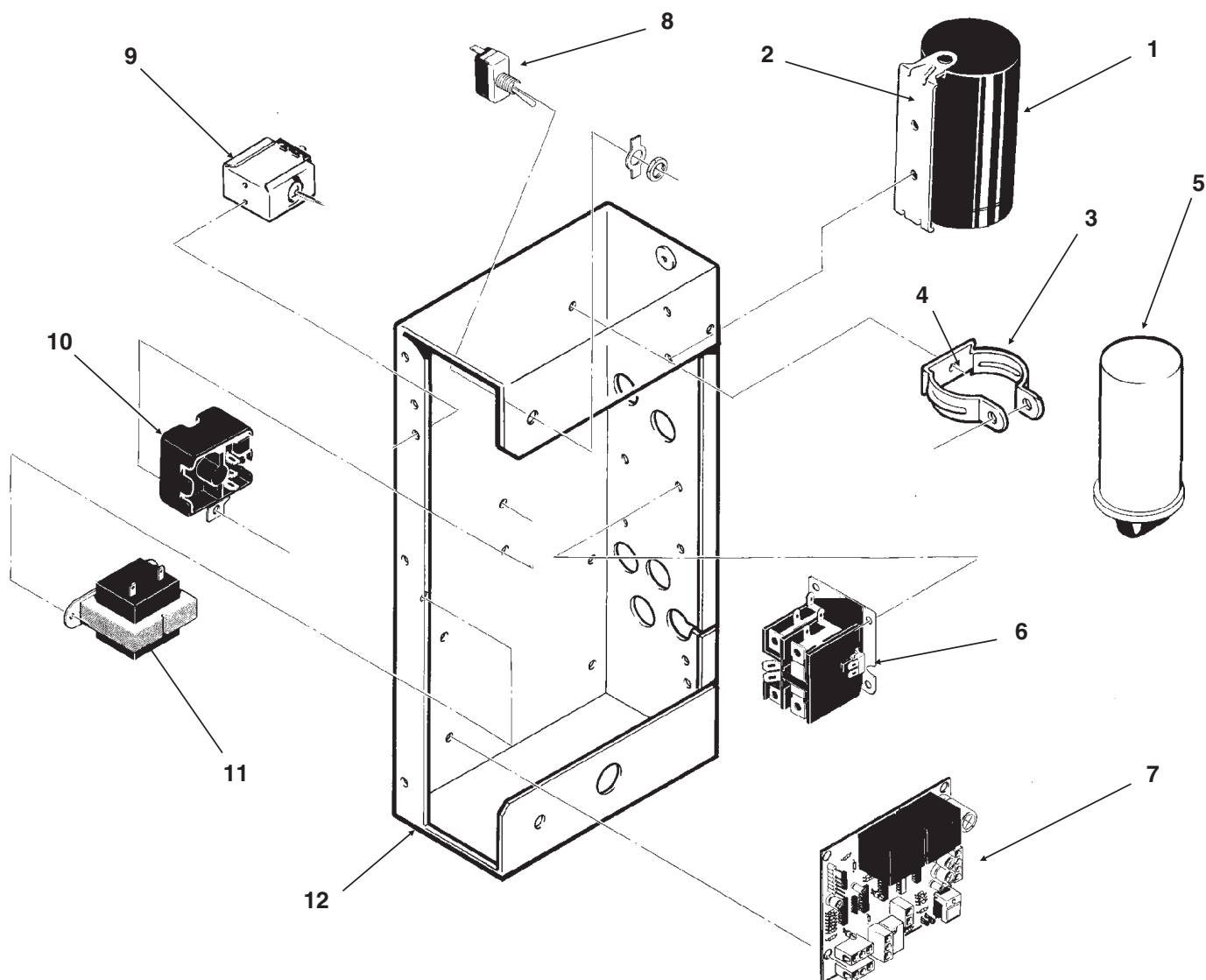


Bail clamp is pn
A34969-001

| ITEM NUMBER | PART NUMBER | DESCRIPTION |
|----------------|----------------|----------------------------------|
| 1. | 02-2933-01 | Hex Stud |
| 2. | A32891-020 | Housing & Switch |
| | 12-2398-01 | Switch, man reset |
| 3. | 02-2930-01 | Ice Chute Cover |
| 4. | A32963-001 | Insulation Top (half) |
| 5. | 02-2926-01 | Ice Chute Body |
| 6. | A33102-001 | Insulation Collar Inside |
| | A35419-020 | Strap kit |
| 7. | 02-2929-01 | Ice Chute Lower |
| 8. | A37708-021 | Bin Controls Assy. (set of 2) |
| 9. | A32930-001 | Chute Gasket |
| 10. | 03-1405-52 | Hex Cap Screw |
| 11. | 02-3001-01 | Ice Sweep |
| 12. | 13-0871-01 | Water Shed |
| 13. | 02-2978-01 | Lip Seal |
| 14. | 02-3128-20 | Breaker Cover |
| 15. | 13-0617-52 | O-Ring |
| 16. | 08-0660-01 | Auger Stud, includes #17 |
| 17. | no number | Washer, part of #16 |
| 18. | A34559-020 | Bearing |
| 19. | 02-2977-01 | Lip Seal |
| 20. | no number | O-Ring |
| 21. | 13-0617-54 | O-Ring |
| 22. | no number | O-Ring |
| 23. | 13-0617-45 | O-Ring |
| 24. | 03-1544-08 | Soc. Head Screw |
| 25. | A32900-020 | Breaker (includes 18 & 19) |
| 26. | A38071-022 | Auger |
| 27. | A32890-020 | Evaporator |
| 28. | 03-1420-03 | Cap Screw |
| 29. | A32962-001 | Insulation Bot. (half) |
| 30. | A37705-021 | Drip Pan |
| 31. | 13-0704-00 | Drip Pan Gasket |
| 32. | 13-0868-01 | Water Shed |
| 33. | A34969-001 | Bail clamp, not shown. |

NM1852 SERVICE PARTS

Control Box

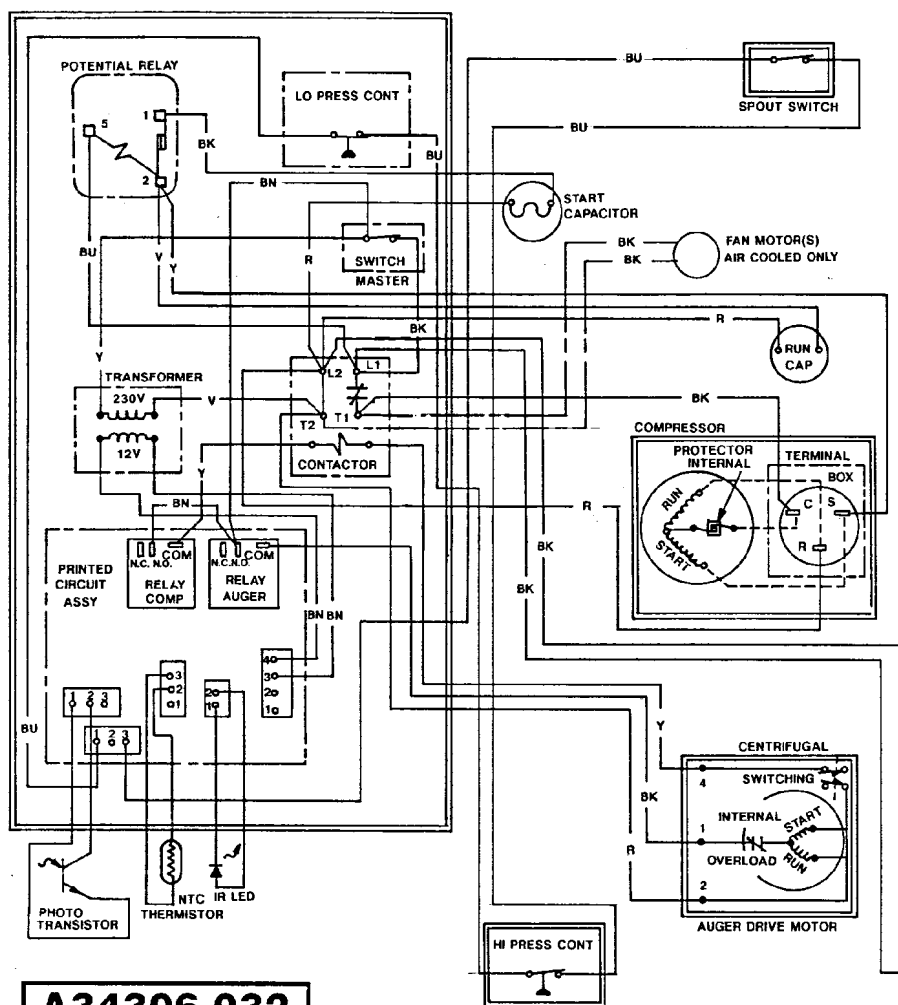


| ITEM NUMBER | PART NUMBER | DESCRIPTION | ITEM NUMBER | PART NUMBER | DESCRIPTION |
|----------------|----------------|-------------------------|-----------------|----------------|-----------------------------------|
| 1 | 18-1901-15 | Start Capacitor, 60 Hz | 7 | A37750-021 | Circuit Board |
| | 18-1901-23 | Start capacitor, 50 Hz | 8. | 12-0426-01 | Master Switch |
| | 18-2200-38 | Start Capacitor Cap. | 9. | 11-0447-20 | Low Pressure Control |
| 2. | 18-2200-39 | Start Capacitor Bracket | 10 | 18-1903-33 | Potential Relay, 60 Hz |
| | 03-1638-04 | Screw | | 18-1903-46 | Potential relay, 50 Hz |
| | 03-1417-15 | Lockwasher | 11. | 12-2285-22 | Transformer |
| 3. | A32872-001 | Run Cap Bracket | 12 | no number | Control Box |
| | 03-1652-02 | Bolt | NOT ILLUSTRATED | | |
| | 03-0255-04 | Wing Nut | 13. | 12-2337-02 | 3 Pin Plug Assy |
| 4. | 03-1638-03 | Screw | | | (Safety Circuit to Circuit Board) |
| 5. | 18-1902-53 | Run Capacitor, all | 14. | 12-2340-01 | 4 Pin Plug Assy |
| 6. | 12-2469-02 | Single Phase Contactor | | | (Transformer to Circuit Board) |
| | 12-0739-02 | Three Phase Contactor | 15 | A34055-001 | Control Box Cover |
| | | | 16 | 12-2350-01 | Circuit board stand off |

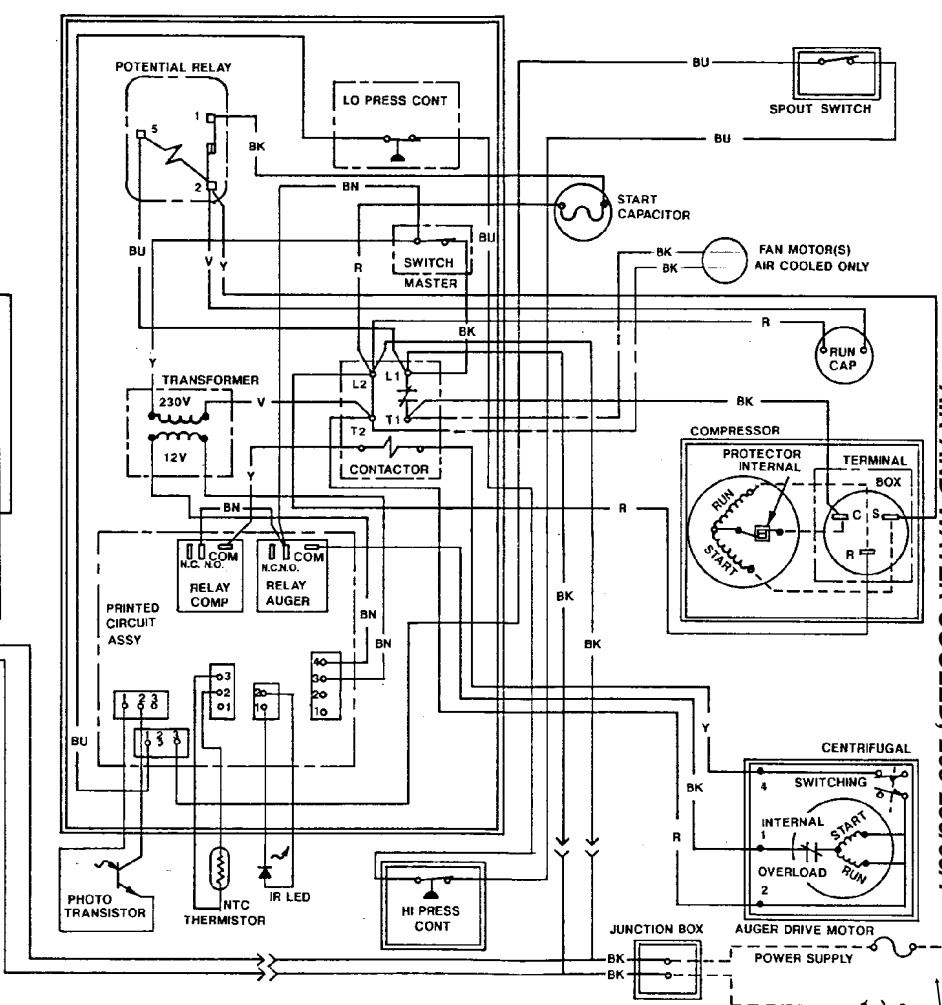
Hz = cycles. 50 Hz machines have a -6 at the end of the model number.

NM1852 SERVICE PARTS

AIR AND WATER COOLED, 208-230/60/1



A34306-032

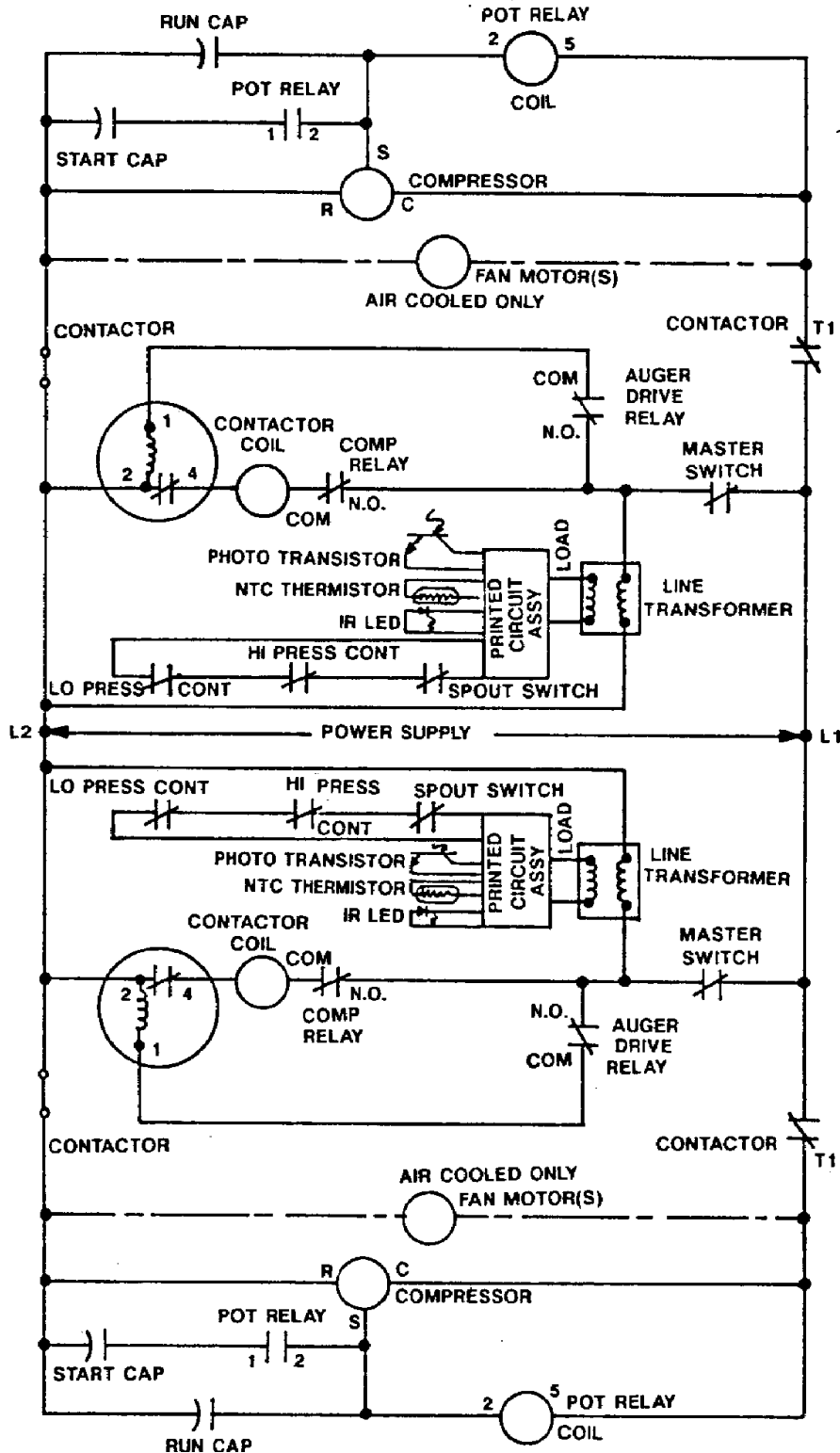


THIS UNIT MUST BE GROUNDED

POWER SUPPLY
SEE NAMEPLATE FOR
PROPER
REQUIREMENTS AND
MAX FUSE SIZE.
ALL POWER LEADS
MUST BE FUSED

NM1852 SERVICE PARTS

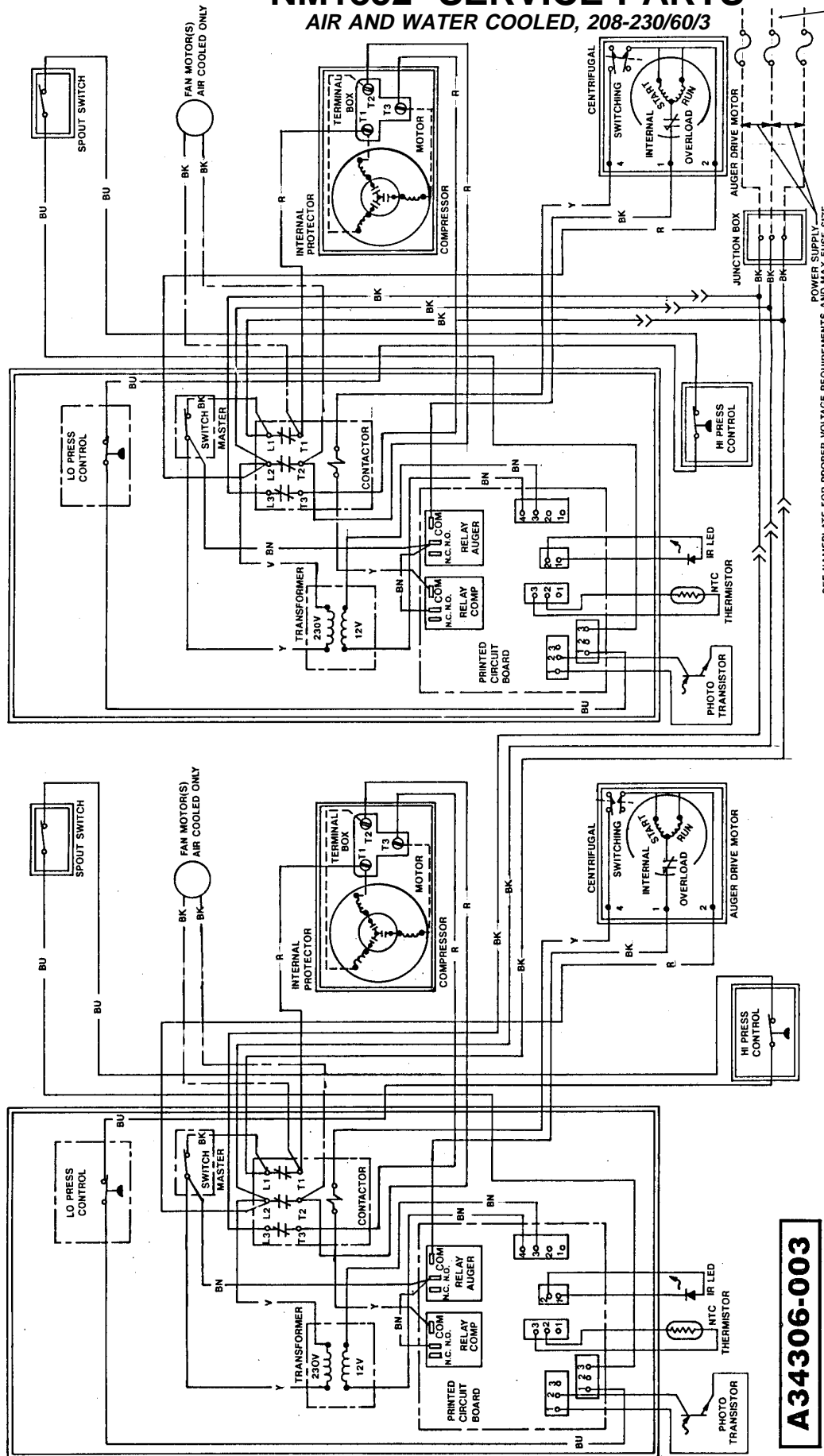
AIR AND WATER COOLED, 208-230/60/1



USE COPPER CONDUCTORS ONLY
ALL CONTROLS SHOWN IN NORMAL ICEMAKING MODE
THIS UNIT MUST BE GROUNDED

NM1852 SERVICE PARTS

AIR AND WATER COOLED, 208-230/60/3

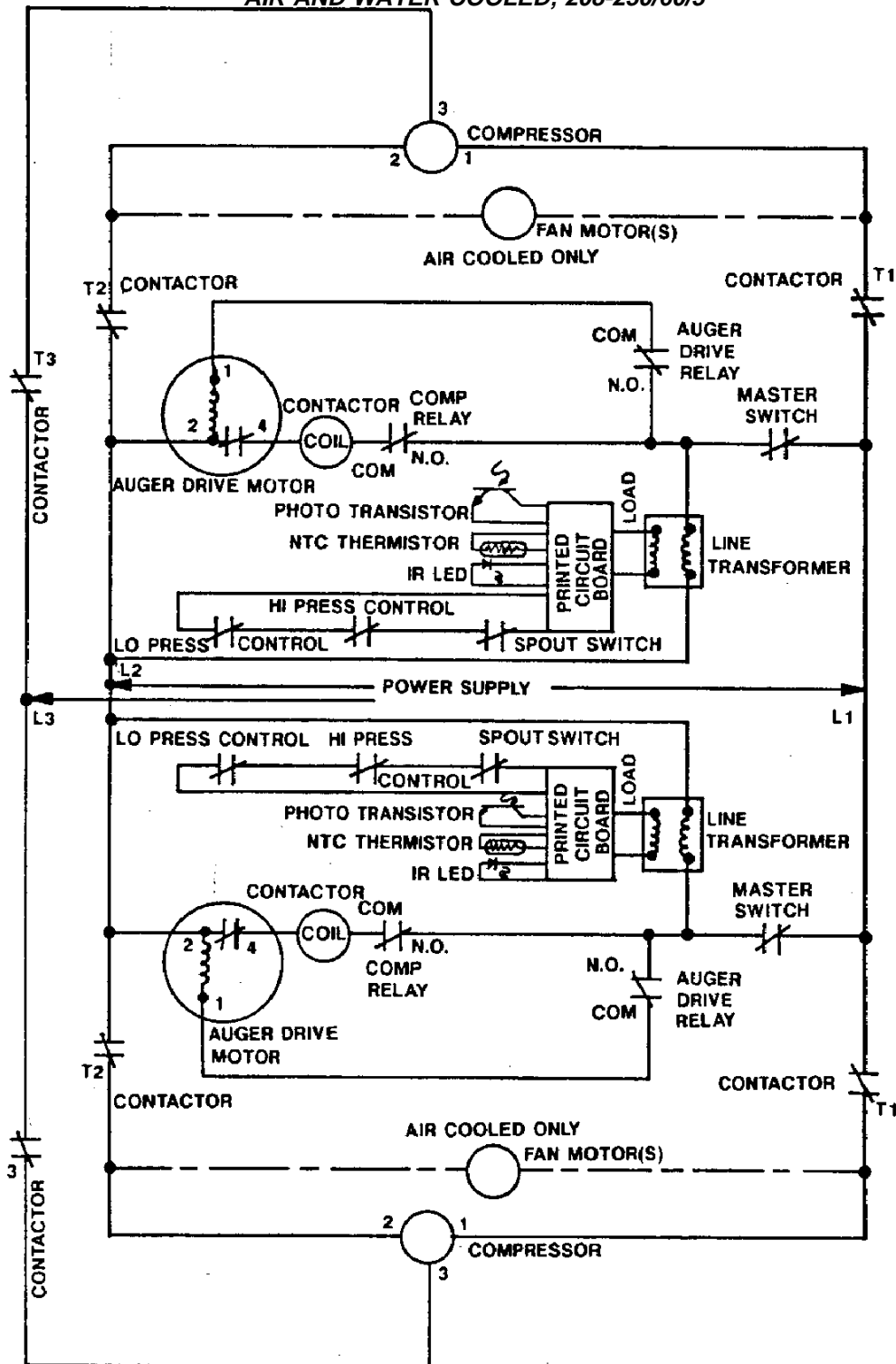


SEE NAMEPLATE FOR PROPER VOLTAGE REQUIREMENTS AND MAX FUSE SIZE

A34306-003

NM1852 SERVICE PARTS

AIR AND WATER COOLED, 208-230/60/3



USE COPPER CONDUCTORS ONLY
ALL CONTROLS SHOWN IN NORMAL ICEMAKING MODE
THIS UNIT MUST BE GROUNDED